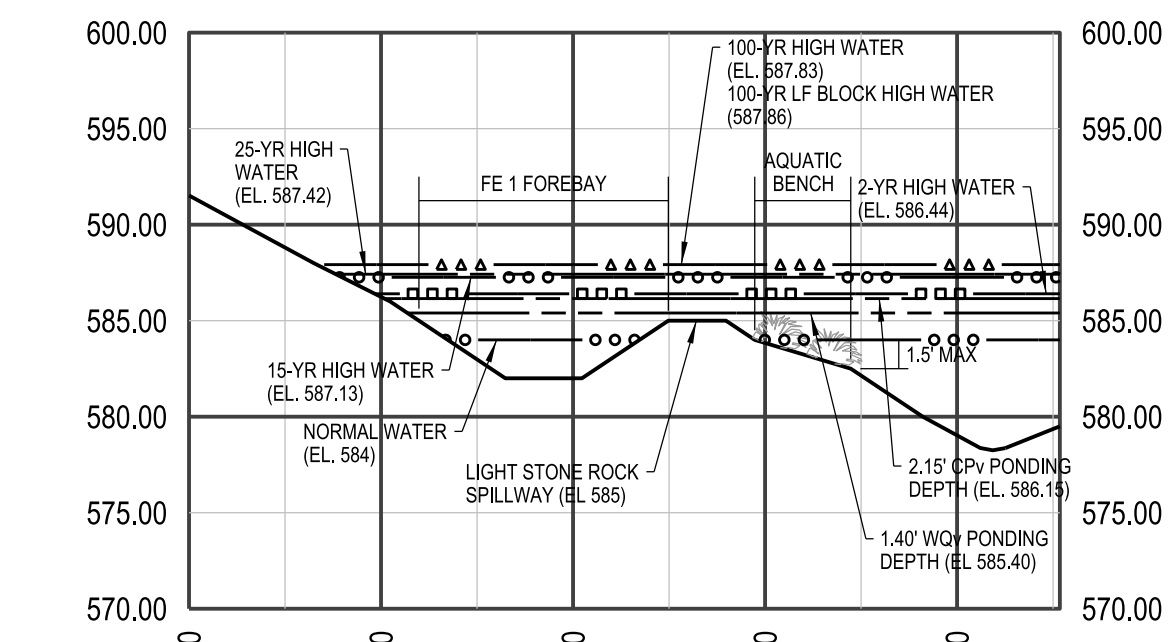
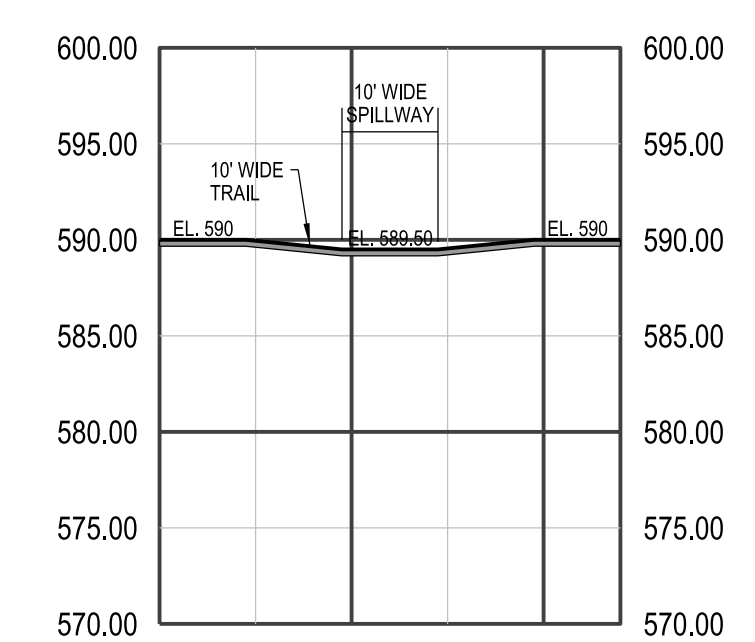


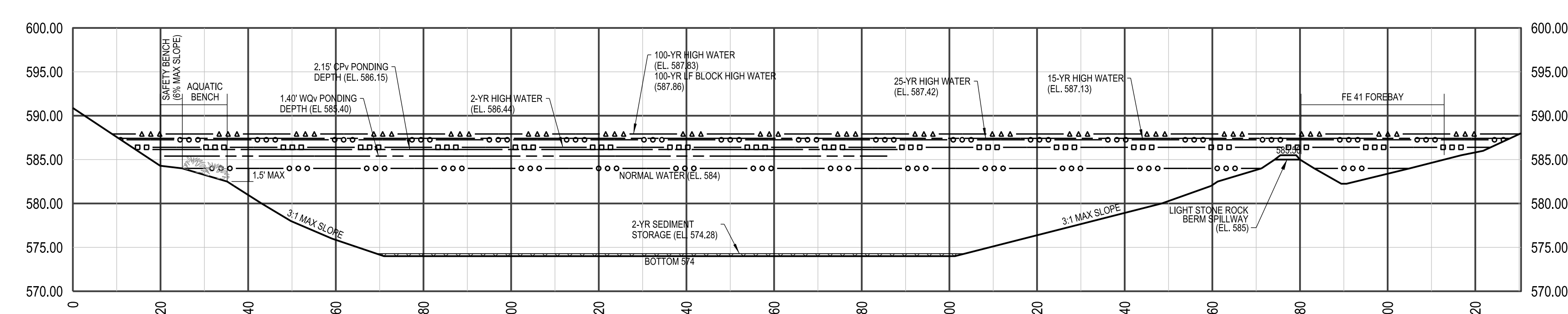
**WET RETENTION POND:  
SECTION 3-3**  
HORIZONTAL SCALE: 1" = 20'  
VERTICAL SCALE: 1" = 10'



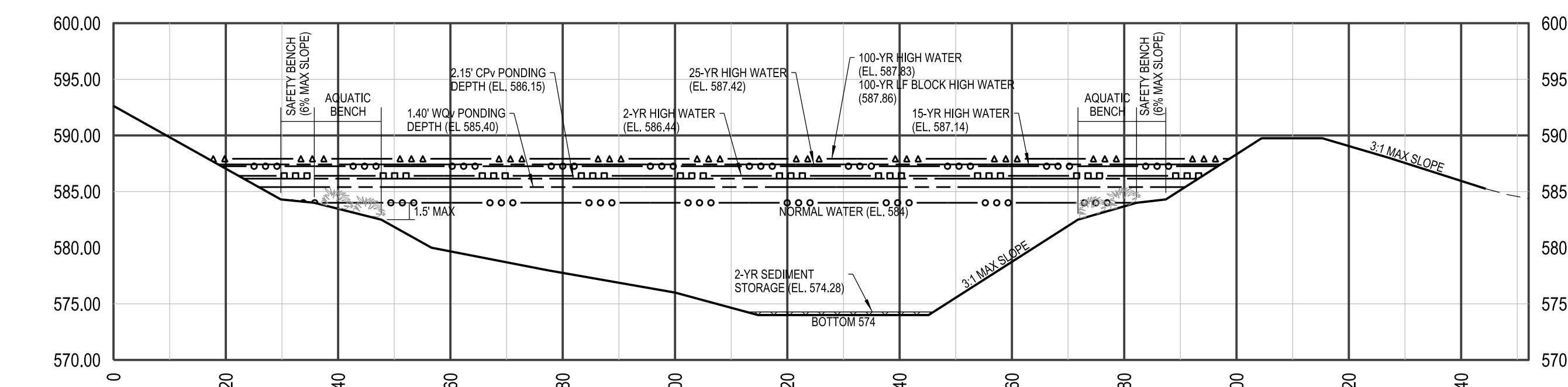
**WET RETENTION POND:  
SECTION 4-4**  
HORIZONTAL SCALE: 1" = 20'  
VERTICAL SCALE: 1" = 10'



**WET RETENTION POND:  
SECTION 5-5**  
HORIZONTAL SCALE: 1" = 20'  
VERTICAL SCALE: 1" = 10'



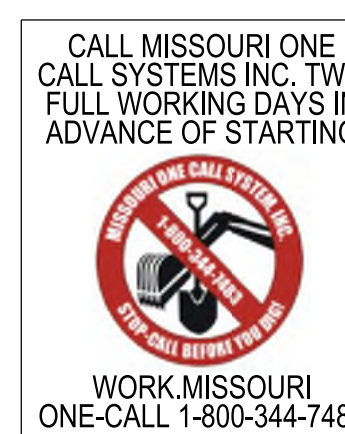
**WET RETENTION POND: SECTION 1-1**  
HORIZONTAL SCALE: 1" = 20'  
VERTICAL SCALE: 1" = 10'



**WET RETENTION POND: SECTION 2-2**  
HORIZONTAL SCALE: 1" = 20'  
VERTICAL SCALE: 1" = 10'

Wet Retention Pond Design and As-built Verification Information Table										
Basin ID	Design Overflow Sill Elev. (ft)*	As-built Overflow Sill Elev. (ft)*	Design Bypass/Spill Point Elev. (ft)**	As-built Bypass/Spill Point Elev. (ft)**	Required WQ Volume (ft <sup>3</sup> )	Proposed WQ Volume (ft <sup>3</sup> )	As-built WQ Volume (ft <sup>3</sup> )	Required CP <sub>v</sub> Volume (ft <sup>3</sup> )	Proposed CP <sub>v</sub> Volume (ft <sup>3</sup> )	CP <sub>v</sub> Provided (ft <sup>3</sup> )
Wet Retention Pond (P-2 Wet Pond)	586.25		589.50		44,196	44,762 (El. 585.40)		72,111	72,327 (El. 586.15)	

\* Overflow Sill Elevation = Maximum Water Quality Storage Elevation  
 \*\* Bypass/Spill Point Elevation = Lowest adjacent elevation on the basin perimeter where overland flow would be directed.  
 As-built portion of table to be certified by a Professional Engineer or Professional Land Surveyor licensed in Missouri



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THE UNDERGROUND UTILITIES SHOWN HEREIN WERE PLOTTED FROM AVAILABLE INFORMATION AND DO NOT NECESSARILY REFLECT THE ACTUAL EXISTENCE, OR NON EXISTENCE, SIZE, TYPE, NUMBER, OR LOCATION OF THESE OR OTHER UTILITIES. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE ACTUAL LOCATION OF ALL UNDERGROUND UTILITIES IN THE FIELD, SHOWN OR NOT SHOWN, PRIOR TO ANY GRADING, EXCAVATION, OR CONSTRUCTION OF IMPROVEMENTS. THESE PROVISIONS SHALL IN NO WAY ABSOLVE ANY PARTY FROM COMPLYING WITH THE UNDERGROUND FACILITY SAFETY AND DAMAGE PREVENTION ACT, CHAPTER 319, RSMO.

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RYAN L. HOLMES  
Professional Engineer  
PE-2017018988

**SOMMERLIN**

WET RETENTION POND  
PLAN & CROSS-SECTIONS

Design By: R/LH  
Drawn By: R/LH  
Checked By: R/LH

06-28-21  
C22.0

H:\CAD\22000-22999\22074\NmpPlans\22074 - C22.0 Wet Retention Pond Plan & Cross-Sections.dgn : Default: 6/29/2021 4:30:24 PM Plotted by: rhomes Plot Scale: 20.0000 / in. Plot Driver: volz15.pdf.plt(16) Pen Table: volz15.pdf.tbl